

Converting Colors

RGB(107, 0, 255)

Have a look what the booklet for
RGB(107, 0, 255) contains.

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Color

RGB(107, 0, 255)

Conversions

Conversions Part 1

Format	Color
Hex	6B00FF
RGB	107, 0, 255
RGB Percent	42%, 0%, 100%
CMY	0.5804, 1.0000, 0.0000
CMYK	0.58, 1.00, 0.00, 0.00
HSL	265°, 100%, 50%
HSV	265°, 100%, 100%
XYZ	24.1134, 10.3458, 95.3338
YIQ	61.0630, -18.0830, 101.9890

Conversions

Conversions Part 2

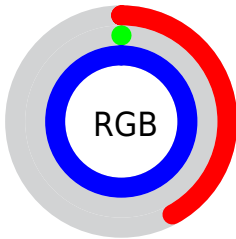
Format	Color
RYB	107, 0, 255
Decimal	7012607
CIELab	38.46, 81.80, -97.44
CIELCh	38, 127.228, 310.013
Yxy	10.3458, 0.1858, 0.0797
Android (android.graphics.Color)	4285202687 (0xFF6B00FF)
YUV	61.0630, 95.6109, 40.2867
Hunter-Lab	32.1649, 77.5295, -153.2147

Details

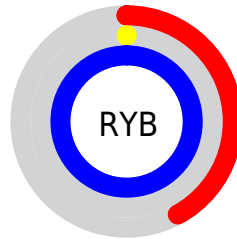
The RGB color **107, 0, 255** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **148, 255, 0**, and the grayscale version is **60, 60, 60**.

A 20% lighter version of the original color is **174, 80, 255**, and **0, 0, 196** is the 20% darker color. If you saturate the color by 10%, you get **107, 0, 255**, and if you desaturate by 10%, it is **122, 25, 255**.

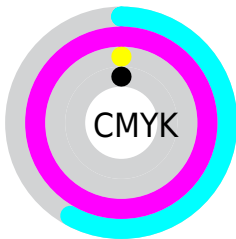
Distribution



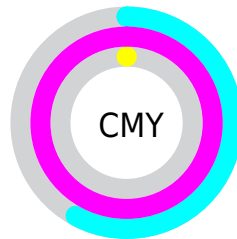
- Red (42%)
- Green (0%)
- Blue (100%)



- Red (42%)
- Yellow (0%)
- Blue (100%)



- Cyan (58%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)






















- Cyan (58%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 0, 255 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 107, 0, 255 by changing the saturation by 10% instead.


 107, 0, 255	 107, 0, 255
 255, 255, 255	 69, 0, 225
 174, 80, 255	 0, 0, 196
 206, 109, 255	 0, 0, 168
 238, 137, 255	 0, 0, 141
 255, 166, 255	 0, 0, 114
 255, 195, 255	 0, 12, 88
 255, 224, 255	 0, 7, 64
 255, 254, 255	 0, 3, 41
	 0, 1, 19


 107, 0, 255


 122, 25, 255


 137, 51, 255

 151, 77, 255

 166, 102, 255

 181, 128, 255

 196, 153, 255

 211, 179, 255

 225, 204, 255

 240, 230, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0, 100, 255



107, 0, 255



226, 0, 164

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



107, 0, 255



164, 53, 0



0, 122, 125

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



107, 0, 255



148, 255, 0

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0, 119, 0



107, 0, 255



79, 98, 0

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



107, 0, 255



224, 0, 0



0, 114, 0



0, 125, 226

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



107, 0, 255



250, 0, 96



0, 114, 0



0, 121, 88

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



107, 0, 255



211, 179, 255



0, 149, 255



101, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



107, 0, 255



234, 0, 255



120, 115, 128



80, 0, 191



27, 0, 64

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



255, 0, 148



21, 255, 0



128, 115, 122



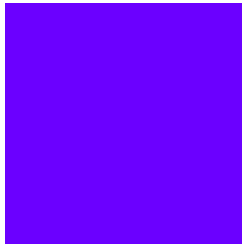
191, 0, 111



64, 0, 37

Previews

White Background



This preview shows how the RGB color 107, 0, 255 looks on a white background.

Color Contrast Check

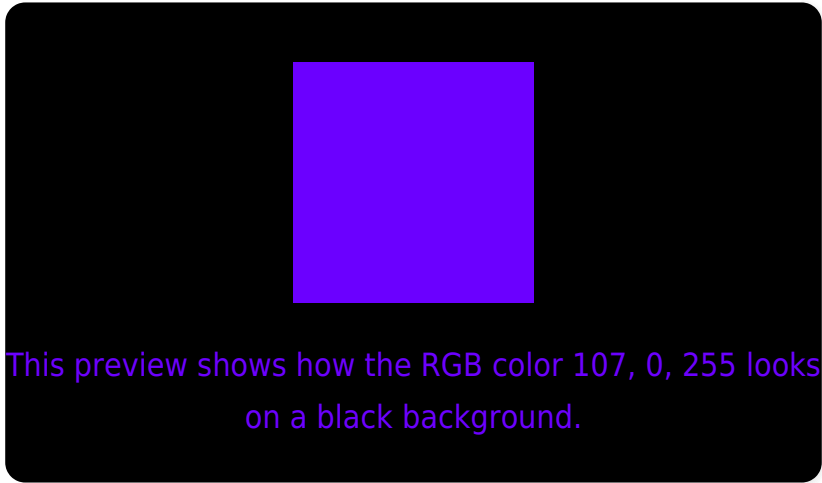
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 107, 0, 255 Background



This preview shows how black text looks on a background with the RGB color 107, 0, 255.



This preview shows how white text looks on a background with the RGB color 107, 0, 255.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
107, 0, 255

Protanopia
0, 88, 186

Deuteranopia
0, 94, 158



Tritanopia
46, 99, 107

Trichromacy



Original Color

107, 0, 255



Protanomaly

39, 56, 211



Deuteranomaly

39, 60, 193



Tritanomaly

68, 63, 161

Monochromacy



Original Color

107, 0, 255



Achromatopsia

61, 61, 61



Achromatomaly

78, 39, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 0, 255 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(107, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(107, 0, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(107, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 0, 255) }
```

Border

The CSS property to change the border of an element to RGB 107, 0, 255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 0, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(107, 0, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(107, 0, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(107, 0,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 107, 0, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 0, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(107, 0,  
255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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